Claims

1. A method for establishing a connection from a mobile device (10) to a second device (20) both provided with a short range wireless communications module (11, 21), comprising the steps of:

- determining the present environment of the mobile device (10),
- determining an address (DAC) of the second device in dependence on the present environment of the mobile device (10), and
- setting up the connection to the second device (20) using the address (DAC) determined in the previous step.

2. The method as claimed in claim 1, characterized by the steps of:

- discovering which devices (20) are available and what their addresses are in parallel with determining the address (DAC) of the stationary device in dependence on the present environment, and
- setting up the connection to the second device (20) upon selecting it by a user using the address discovered in the discovering step.

3. The method as claimed in claim 1 or 2, characterized in that for setting up the connection the second device (20) is paged by means of the short range wireless communications module (11) of the mobile device (10) using the address determined in dependence on the present environment of the mobile device (10).

4. The method as claimed in claim 1, 2 or 3, characterized in that the address of the second device is determined by comparing environment data according to the present environment of the mobile device (10) with environment data of devices stored in a memory (13) of the mobile device (10) together with the device address (DAC).

5. The method as claimed in claim 4, characterized in that the environment data and the device address (DAC) of a second device (20) are stored when the mobile device (10) is connected to the second device (20).

6. The method according to claim 4 or 5, characterized in that the environment data of the mobile device (10) being connected to a second device (20) is stored as environment data of the second device (20).

7. The method as claimed in claim 4 or 5, characterized in that the environment data of the second device (20) to be stored in the mobile device (10) is transmitted from the second device (20) to the mobile device (10).

8. The method as claimed in claim 4, characterized in that the environment data and the device address (DAC) of the second device (20) are transmitted and stored independently from a connection between the mobile device (10) and the second device (20).

9. The method as claimed in any one of the preceding claims, characterized in that in case that only one device address (DAC) is stored together with environment data corresponding to the present environment of the mobile device (10) a connection to this device (20) is set up automatically.

10. The method as claimed in any one of the preceding claims, characterized in that in case that one device address (DAC) that is stored together with environment data corresponding to the present environment of the mobile device (10) is marked as to be automatically connected to, a connection to this device (20) is set up automatically without user interaction.

11. The method as claimed in any one of the preceding claims, characterized in that in case that more than one device addresses (DAC) are stored together with environment data corresponding to the present environment of the mobile device (10), a list of those devices is output to the user for selecting that stationary device that the user wants the mobile device to be connected to by the wireless communications module (11).

12. The method as claimed in claim 11, characterized in that the devices (20) are identified in a name format in the list output to the user.

13. The method as claimed in any one of the preceding claims, characterized in that the present environment of the mobile device (10) is determined by means of the present position of the mobile device (10).

14. The method as claimed in claim 13, characterized in that the present position of the mobile device (10) is obtained by determining the position of the mobile device (10) in a cellular radio communications network.

15. The method as claimed in claim 13, characterized in that the present position of the mobile device (10) is obtained by determining the position of the mobile device (10) by means of a satellites based positioning system, in particular by means of the global positioning system (GPS).

16. The method as claimed in claim 13, characterized in that the address of the second device is determined by calculating the device address (DAC) from the position data of the present position of the mobile device (10) using a predefined deterministic function.

17. The method as claimed in any one of the preceding claims, characterized in that in the present environment of the mobile device (10) is determined by means of the current user context.